GE
Lighting Solutions

GUIDE FORM SPECIFICATIONS
WALLIGHTER 400 LUMINAIRE

GENERAL DESCRIPTION

The totally enclosed and weather-resistant luminaire designated _____ (identify) shall be a GE WALLIGHTER 400 luminaire, ordering number _____ (specify W4L, plus ordering number logic from catalog), or approved equal, to operate one _____ (specify [150(55V), 200, 250 or 400] watt high pressure sodium [HPS], [175, 250 or 400] watt metal halide, or [175 or 250] watt mercury) lamp from a nominal _____ (specify 120, 208, 220, 240, 277, 347 or 480 volt, 60 Hz or 220 or 240 volt, 50 Hz) power source. The luminaire shall include a completely prewired integral ballast and an optical assembly that shall provide an IES Distribution Type _____ (specify according to photometric selection table in catalog). The luminaire shall be UL/cUL Listed SUITABLE FOR WET LOCATIONS and UL Listed to meet Canadian National Standards and Codes . Standard construction is IP55. Ballast, housing, optical and luminaire assembly shall all be from the same manufacturer.

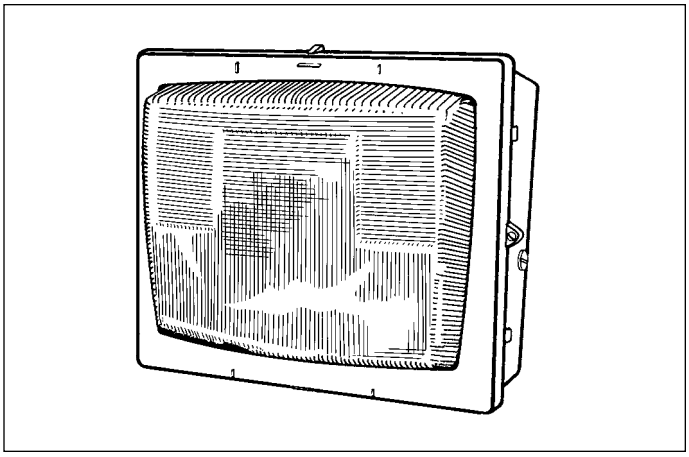
MECHANICAL CONSTRUCTION

The luminaire shall include a die-cast aluminum housing with ballast, prewired terminal board, sealed and filtered optical assembly and a die-cast aluminum side-hinged door with glass refractor sealed to it. Die-cast aluminum surfaces shall have an electrocoat dark bronze paint finish. Mounting shall be by three bolts through back holes provided for mounting on vertical or horizontal surfaces. There shall be ¾-inch (19mm) NPT conduit entrances (and provisions for an optional prewired photoelectric receptacle.

BALLAST OPERATION

The luminaire shall have a standard _____ (specify) ballast*. The plug-in type ignitor (for HPS only) and ballast shall be prewired to the lamp socket requiring connection of power supply leads only. The ballast shall be in full compliance with lamp-ballast specifications available to the fixture manufacturer from the lamp manufacturers at the time of fixture manufacture.

The ballast shall reliably start and operate the lamp in ambient temperatures down to -20°F for mercury and metal halide and -40°F for HPS.



OPTICAL ASSEMBLY

The sealed optical assembly shall have an activated-charcoal filter enabling it to breathe as the unit heats and cools. The hydroformed aluminum reflector shall have a chemically bonded lightweight non-breakable ALGLAS® finish on all surfaces for precise light control in combination with the impact-resistant tempered prismatic glass refractor. The optical assembly shall contain a mogul base E39 socket with superior lamp gripping. The socket shall have added insulation, giving it the ability to handle the higher pulse ratings of newer HID systems. The reflector and socket shall be easily removed with only a screw driver for a tool.

* REFER TO PRODUCT PAGE FOR BALLAST SELECTIONS. FOR MORE DEFINITIVE INFORMATION, REFER TO BALLAST SPECIFICATIONS IN TECHNICAL DATA SECTION.

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